KENWOOD

Listen to the Future

ADVANCED WIRELESS COMMUNICATIONS

TK-6110

Compact VHF Low Band Mobile Radio

GENERAL FEATURES

- 70 W (29.7-37.0, 35.0-50.0 MHz)
- 32 Channels
- Single Priority Scan
- 8 Character Alphanumeric LCD
- 3 Digit Sub-Display and Icons
- Transmit / Busy / Call Allert / Warn LED
- Up/Down Channel Selector
- Volume Knob
- Power On/Off Button
- 7 Programmable Radio Keys
- Front Panel Speaker
- Noise Blanker Function
- Encryption / ANI Board Control
- Emergency Call Features
- QT/DQT Encode & Decode
- Operator Selectable Tone
- Two Tone Decode
- DTMF Encode & Decode
- Time Out Timer
- Busy Channel Lockout
- 15 Pin Accessory Connector
- MIL-Spec / Noise-Cancel Microphone
- M-Type Antenna Connector
- Ignition Sense
- Timed Power Off
- Horn Alert
- Cloning
- PC Programming & Tuning
- MIL-STD-810 C/ D/ E

Downloaded from www.Manualslib.com manuals search engine

Options

KMC-9C
Control Station
Desktop Microphone

KMC-27A
Microphone
(supplied microphone)

KMC-27B
Microphone
(MIL-SPEC noise-canceling)

KMC-28A
Keypad Microphone
(MIL-SPEC noise-canceling)

KCT-18
Ignition Sense Cable

KLF-2
Line Noise Filter

KES-5
External Speaker

All accessories and options may not be available in all markets. Contact an authorized Kenwood dealer for details and complete list of all accessories and options.

Specifications

Model	TK-6110
GENERAL	
Frequency Range	
Type 1	29.7-37.0 MHz
Type 2	35.0-50.0 MHz
Number of Channels	32
Channel Spacing	20 kHz / 25 kHz
Channel Step	5 kHz
Operating Voltage	13.6 V DC ±15%
Current Drain	
Standby	< 0.6 A
Receive	< 2.4 A
Transmit	< 15 A
Duty Cycle	Transmit: 20%
Operating Temperature Range	-22°f ~ +140°f (-30°c ~ +60°c)
Frequency Stability (-22° F - +140° F)	±0.0005%
Antenna Impedance	50 Ω
Dimensions (W x H x D) Projections not included	6-1/4 x 2 x 6-1/4 in. (160 x 50 x 160 mm)
Weight (net)	3.5 lbs. (1.6kg)
FCC ID	
Type 1	ALH29351110
Type 2	ALH29351120
IC Certification	
Type 1	
Type 2	282195666A
RECEIVER (Measurements made per EIA/TIA-603)	
Sensitivity (12dB SINAD)	0.25µV
Selectivity	75 dB
Intermodulation Distortion	70 dB
Spurious Response	70 dB
Audio Output	10W at less than 5% distortion
Band Spread	
Type 1	7.3 MHz
Type 2	15.0 MHz
TRANSMITTER (Measurements made per EIA/TIA-603)	
RF Output Power	70 W
Type of Emission	16K0F3E
Spurious Response	62 dB
FM Hum & Noise	50 dB
Microphone Impedance	600 Ω
Audio Distortion	Less than 3%
Band Spread	
Type 1	7.3 MHz
Type 2	15.0 MHz

Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.

Unavailable Frequencies:
TK-6110K (29.7 - 37.0 MHz model): 33.60 MHz
TK-6110K2 (35.0 - 50.0 MHz model): 42.00 MHz

Applicable MIL-STD

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV

JQA-QMA1205 091-A
ISO9001 Registered
Communications Equipment Division
Kenwood Corporation
ISO9001 certification

ADS#43907 Printed In USA

KENWOOD

ADVANCED WIRELESS COMMUNICATIONS

20809 Kensington Blvd Lakeville,MN 55044 877-202-5060 www.advancedwireless.com

Downloaded from www.Manualslib.com manuals search engine